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Water-Data Report CA-2005

11202838 SOUTHERN CALIFORNIA EDISON TULE RIVER CONDUIT AT POWERPLANT, NEAR SPRINGVILLE, CA

Tulare Lake Basin

LOCATION.--Lat 36°08′07″, long 118°47′19″ referenced to North American Datum of 1983, in NW ¼ NW ¼ sec.6, T.21 S., R.30 E., Tulare County, Hydrologic Unit 18030006, in powerplant penstock, on north side of Highway 190, and 2.0 mi east of Springville.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 2002 to current year.

GAGE.--Acoustic-velocity meter. Elevation of gage is 1,240 ft above NGVD of 1929, from topographic map.

REMARKS.--Southern California Edison Co.'s Tule River Conduit diverts from the right bank of Middle Fork Tule River 6 mi upstream from powerplant. Flow from this conduit passes through Tule River Powerplant of Southern California Edison Co. Diversions are made from powerplant tailrace ditch to Springville Diversion and Duncan Diversion Ditches. Remaining water is returned to the Tule River 1.5 mi upstream from confluence of Middle and North Forks. Records of discharge for Tule River Conduit collected near the point of diversion until September 2002 (station 11202700) may not be equivalent to this record due to gains or losses along the conduit. The conduit was damaged by fire in August 2004. Site is non-operative, with no-flow conditions, until the conduit is repaired. See schematic diagram of Tule River Basin.

COOPERATION.--Records collected by Southern California Edison Co., under general supervision of the U.S. Geological Survey, in connection with Federal Energy Regulatory Commission project no. 372.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 35 ft³/s, many days in 2003 and 2004; no flow many days in 2004, 2005.

EXTREMES FOR CURRENT YEAR.--No flow for 2005 water year.

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	10.8	13.7	13.9	22.5	21.5	22.2	22.7	23.2	20.3	14.8	8.32	4.22
Max	18.3	24.8	27.7	35.0	33.6	34.2	34.3	34.9	34.5	31.9	22.6	12.7
(WY)	(2004)	(2004)	(2004)	(2003)	(2004)	(2004)	(2004)	(2003)	(2003)	(2003)	(2003)	(2003)
Min	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(WY)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2005)	(2004)

SUMMARY STATISTICS

	Calendar Year 2004		Water Year 2005		Water Years 2003 - 2005	
Annual total	6,401.60		0.00			
Annual mean	17.5		0.00		16.5	
Highest annual mean					26.0	2003
Lowest annual mean					0.00	2005
Highest daily mean	35	Feb 19	0.00	Oct 1	35	Dec 6, 2002
Lowest daily mean	0.00	Aug 10	0.00	Oct 1	0.00	Aug 10, 2004
Annual seven-day minimum	0.00	Aug 10	0.00	Oct 1	0.00	Aug 10, 2004
Annual runoff (ac-ft)	12,700		0.00		11,940	
10 percent exceeds	35		0.00		35	
50 percent exceeds	17		0.00		17	
90 percent exceeds	0.00		0.00		0.00	